



ALC Accelerated 65-95 Calendar Blitzer, 5th Edition and Rockswold, 3rd edition

In order to pass Math 65 and 95 in the ALC and earn an override by the time registration begins, plan to complete all of the homework, supplement packets and tests by the 8th week. You can also use the full 10 weeks if needed. When you finish your final test I will put the override in the computer for you. Once you pass Test 2 you can get an override for Math 65. You may use the old textbook editions we have while you are in the lab or buy the books inexpensively online.

	Sections to Complete	Tests
Week 1	Blitzer (65) 5.1, 5.2, 5.3, 5.4, 3.1	Math 65 Chapter 5 practice test(s) suggested (on Math 65 ALC page)
Week 2	Blitzer (65) 6.1, 6.2, 6.3, 6.5, 6.7	Math 65 Chapter 6 practice test(s) suggested
Week 3	Blitzer (65) 7.1, 7.2, 7.3, 7.4, 7.5 Ask your instructor for the Test 1 Review. Complete it and we will go over it to make sure you are ready for your test	Math 65 Chapter 7 practice test(s) suggested Test 1 – Systems, Polynomials and Factoring (65 midterm)
If you decide to only complete 65 you may switch to the 65 homework list and take a Math 65 final. You may also continue to Test 2 to complete Math 65		
Week 4	Rockswold (95) 2.1, 2.2, 3.1 Blitzer (65) 9.1 Rockswold (95) 7.2	Chapter 2 practice test(s) suggested – only the function problems (on Math 95 ALC page)
Week 5	Rockswold (95) 7.3, 7.1, 7.4 Blitzer (65) 7.6, 10.1	Chapter 7 practice test(s) suggested
Week 6	Rockswold (95) 8.3, 7.6, 8.4, 8.1 Ask your instructor for the Test 2 Review. Complete it and we will go over it to make sure you are ready for your test	Chapter 8 practice test(s) suggested Test 2 – Cumulative (65 final/95 midterm combined)
When you pass Test 2 you may get an override for completing Math 65		

Week 7	Rockswold (95) 8.2 Rockswold (95) 3.3, 3.4, 3.5, 7.5	Chapter 3 practice test(s) suggested
Week 8	Rockswold (95) 6.1, 6.2, 6.3, 6.4, 6.5 Ask your instructor for the Math 95 Final Review. Complete it and we will go over it to make sure you are ready for your test	Chapter 6 practice test(s) suggested Math 95 Final – Cumulative but does not include systems of equations
Week 9	More time to complete math 65-95 if needed or get ahead in your next math class while completing lab hours	
Week 10	More time to complete math 65-95 if needed or get ahead in your next math class while completing lab hours	

ALC Accelerated Math 65-95 Homework List

Blitzer, 5th edition and Rockswold, 3rd edition

Check Your Answers in the back right away!! Ask us ASAP if you get stuck!!
"eoo" means "every other odd"

(1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 93, 97, 101, ...)

Course & Section	Topic	Homework Problems
	Blitzer Chapter 5	Linear Systems
65 5.1	Solving Systems by Graphing	1, 3, 7, 11-53 odd
65 5.2	Solving Systems using Substitution	1-31 odd, 41
65 5.3	Solving Systems using Addition	1-55 odd, 65 + supplement
65 5.4 and 3.1	Applications	1, 3, 7-29 odd + supplement + Section 3.1 (use a system of equations): 13, 15, 17
	Blitzer Chapter 6	Polynomials
65 6.1	Adding and Subtracting Polynomials	1-15 odd, 17-35 odd, 55-73 odd, 95-101 odd
65 6.2	Multiplying Polynomials	1-53 odd
65 6.3	Special Products	1-23 odd, 25-81 eoo, 83, 87, 89, 93
65 6.5	Dividing Polynomials	1-77 odd
65 6.7	Negative Exponents and Scientific Notation	Exponents: 1-77 odd, 127-133 odd Scientific Notation: 79-125 odd, 135 – 151 odd
	Blitzer Chapter 7	Factoring
65 7.1	GCF and Factoring by Grouping	1, 5, 11, 13-77 odd, 89
65 7.2	Factoring Trinomials where $a = 1$	1-65 odd, 77
65 7.3	Factoring Trinomials where $a \neq 1$	1-83 odd
65 7.4	Factoring Special Forms	1-87 odd
65 7.5	General Factoring Strategy	1-63 odd, 65-95 eoo, 97, 99, 101, 105, 107

Test 1 – Systems, Polynomials and Factoring (65 midterm)		
If you decide to only complete 65 you may switch to the 65 homework list and take a Math 65 final You may also continue to Test 2 to complete 65.		
	Rockswold Chapter 2 and 3	Functions and Solving Symbolically, Numerically and Graphically Graphing Calculator Needed
95 2.1	Functions	1-37 odd, 43-47 odd, 53-67 odd, 71-129 odd, + 65 supplement 10.6 and 95 supplement 2.1
95 2.2	Linear Functions Review	23-31 odd
95 3.1	Linear Equations Solve Symbolically, Numerically and Graphically	23-61 eoo, 67-89 odd, 93, 103 Use the graphing calculator to solve numerically and graphically
	Blitzer Chapter 9 and Rockswold Chapter 7	Roots and Radicals
65 9.1	Finding Roots (square roots and higher roots)	1-25 odd, 31-73 odd, 85-91 odd + supplement
95 7.2	Multiplying, Dividing and Simplifying Radicals	1-61 odd, 75-97 odd, 111,
95 7.3	Adding, Subtracting and Foiling Radicals and Rationalizing Denoms	1-11 odd, 19, 23, 25, 31, 33, 35, 43, 47, 49, 51, 77-87 odd, 89-109 odd, 117 + 65 supplement for section 9.4
95 7.1	Rational Exponents	7, 9, 35-75 odd, 79-115 odd, 117, 119
95 7.4	Radical Functions	9-23 odd, 33-45 odd + supplement 7.1
	Blitzer Chapters 7 and 10 and Rockswold Chapters 7 and 8	Quadratic Equations
65 7.6	Solving Quadratics by Factoring	1-53 odd, 67-79 odd + supplement
65 10.1	Solving Quadratics with the Square Root Property	1-47 odd, 67-77 odd + supplement
95 8.3	Solving by Factoring, Square Roots and Completing the Square	41-95 odd, 99-103 odd, 115, 123 + 95 supplement 8.3 problem 2 only
95 7.6	Complex Numbers	1, 3, 7, 9, 11, 13-45 odd, 57-75 odd
95 8.4	The Quadratic Formula	1-35 odd, 37, 39, 45-53 odd, 55-85 eoo, 87-99 odd 101, 105

95 8.1	Quadratic Functions and Their Graphs	11-17 odd, 19-37 odd (graph by hand and check on the calculator), 55-65 odd, 75-81 odd, 85, 87 + 65 Supplement sections 6.2 and 10.3
Test 2 – Cumulative (65 final/95 midterm combined)		
When you pass Test 2 you may get an override for completing Math 65		
95 8.2	Parabolas and Modeling, Vertex form	3-7 odd, 33-59 odd + 65 supplement section 10.5 + 95 supplement for 8.2 and 8.3 problem 1
	Rockswold Chapters 3 and 7	Solving Equations Symbolically, Numerically and Graphically
95 3.3	Linear Inequalities	11-29 odd, 37, 39, 45, 47, 49, 53-73 odd, 89, 97, 99, 101, 109, + supplement
95 3.4	Compound Inequalities	3, 4, 5-17 odd, 21-27 odd, 31-61 odd, 65, 73-89 odd, 113, 119, + supplement
95 3.5	Absolute Value	3, 5, 7, 8, 9-33 odd, 43-47 all (solve graphically), 53-101 odd, 119, 121
95 7.5	Equations Involving Radical Expressions	1-4, 9-45 odd, 71, 73, 77, 83-86, 121, 123, 131, 133, 137 + 95 supplement 7.6
	Rockswold Chapter 6	Rational Expressions, Equations and Functions
95 6.1	Intro to Rational Functions and Equations	1, 2, 4, 5, 11-57 odd, 65, 69-73 odd, 77, 81, 85, 87, 97-100, + supplement
95 6.2	Multiplication and Division of Rational Expressions	1-5, 7, 11-29 odd, 33, 43, 51, 63-97 odd, 111, 115, + supplement
95 6.3	Addition and Subtraction of Rational Expressions	1-6, 11-45 odd, 47-73 eoo, 81, 93, 97, 101 + supplement
95 6.4	Rational Equations	9-31 odd, 33-47 eoo, 49-63 odd, 66, 69, 73-85 odd, 87, 89, 91, 95, 99, 103, 109
95 6.5	Complex Fractions	7-33 odd, 41, 47, 48, 51
Math 95 Final – Cumulative but does not include systems of equations		